

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A nozzle assembly ~~of for~~ a dishwasher having first and second racks for holding items to be washed, the nozzle assembly including:

a first nozzle[,] rotatably ~~installed adjacent~~ provided proximate to the first rack, ~~for wherein the first nozzle is configured to selectively spraying water spray washing fluid in a first rack direction in a first mode, and in a second rack direction in a second mode~~ directions, said first nozzle comprising:

~~means for manually setting the spraying direction of said first nozzle.~~

2. (Currently Amended) The nozzle assembly as claimed in claim 1, further comprising a fluid circulating means, communicating with said in communication with the first nozzle, for supplying wherein the fluid circulating means is configured to supply washing fluid under pressure the water to be sprayed and for rotating said to the first nozzle for spraying therethrough, and to rotate the first nozzle about a vertical axis of rotation by the pressure of the supplied water washing fluid.

3. (Currently Amended) The nozzle assembly as claimed in claim 2, ~~said wherein~~ the first nozzle further comprising comprises:

Reply to Office Action of August 14, 2006

a fixed central piece, ~~communicating with said water~~ in communication with the fluid circulating means, the fixed central piece having two open ends; and

first and second nozzle sections, ~~communicating with said~~ in communication with the fixed central piece and each having, wherein the first and second nozzle sections each have a closed end and an open end, and wherein the closed-open end of each nozzle section being is rotatably coupled to one of the two open ends of said the fixed central piece.

4. (Currently Amended) The nozzle assembly as claimed in claim 3, wherein ~~said changing from the first mode to the second mode is done by rotating the~~ first and second nozzle sections are ~~rotated using said manual setting means~~ about a horizontal axis thereof.

5. (Currently Amended) The nozzle assembly as claimed in claim 3, wherein ~~said the~~ fixed central piece and ~~said the~~ first and second nozzle sections are symmetrical about a ~~horizontal-vertical~~ plane passing through the a central axis of said first nozzle the fixed central piece.

6. (Currently Amended) The nozzle assembly as claimed in claim 3, wherein a manual rotation of one of said the first and second nozzle sections is rotatable by a manipulation about a horizontal axis of rotation causes a corresponding rotation of the other of the first and second nozzle sections.

Reply to Office Action of August 14, 2006

7. (Currently Amended) The nozzle assembly as claimed in claim 3, ~~said top wherein~~ the first nozzle further comprising comprises a pair of O-rings respectively installed at connecting surfaces between ~~said the~~ fixed central piece and ~~said the~~ first and second ~~nozzles~~ nozzle sections.

8. (Currently Amended) The nozzle assembly as claimed in claim 7, wherein the open ends of ~~said the~~ fixed central piece each have a stepped surface ~~for receiving~~ configured to receive one of said the pair of O-rings.

9. (Currently Amended) The nozzle assembly as claimed in claim 7, wherein ~~said the~~ pair of O-rings are made of a rubber based material ~~for preventing water so as to prevent~~ leakage at the connecting surfaces and ~~for resisting to resist~~ rotation during operation of the nozzle assembly.

10. (Currently Amended) The nozzle assembly as claimed in claim 1, further comprising a second nozzle[,] rotatably ~~installed adjacent~~ provided proximate to the second rack; ~~for directing water,~~ wherein the second nozzle is configured to direct washing fluid toward the second rack.

11. (Currently Amended) The nozzle assembly as claimed in claim 10, further comprising a water fluid circulating means, ~~communicating with said~~ in communication with the

Reply to Office Action of August 14, 2006

second nozzle, ~~for supplying wherein the fluid circulating means is configured to supply washing fluid under pressure the water to be sprayed and for rotating said to the second nozzle for spraying therethrough, and to rotate the~~ second nozzle by the pressure of the supplied ~~water~~ washing fluid.

12. (Currently Amended) The nozzle assembly as claimed in claim 10, wherein the first and second racks are top and bottom racks, respectively, and ~~said the~~ first and second nozzles are top and bottom nozzles, respectively.

13. (Currently Amended) The nozzle assembly as claimed in claim 10, wherein ~~said the~~ first and second nozzles are disposed substantially parallel to the first and second racks, respectively.

14. (Currently Amended) The nozzle assembly as claimed in claim 1, wherein ~~said the~~ first nozzle ~~consists of two sides~~ includes a first side and a second side, and wherein a plurality of injection holes ~~and are formed on one in the first side so as to spray water in one direction~~ washing fluid upward toward the first rack in the first mode, and to spray washing fluid downward toward the second rack in the second mode when the first nozzle is rotated about a horizontal axis so as to change an orientation of the holes.

15. (Currently Amended) The nozzle assembly as claimed in claim 1, wherein ~~said~~ ~~manual setting means provides for a 180° rotation~~ the first nozzle is configured to rotate 180 degrees about an axis of ~~said~~ rotation of the first nozzle.

16. (New) The nozzle assembly as claimed in claim 3, wherein each of the first and second nozzle sections has first and second surfaces extending between their respective open and closed ends, and wherein the first surface of each of the first and second nozzle sections each include a plurality of holes in fluid communication with the fixed central piece via the open ends of the first and second nozzle sections and the fixed central piece.

17. (New) The nozzle assembly as claimed in claim 1, wherein the washing fluid is water, detergents, soil particles, or any combination thereof.

18. (New) A dishwasher comprising the nozzle assembly of claim 1.

19. (New) A nozzle assembly for a home appliance, the nozzle assembly comprising:
a nozzle configured to selectively spray washing fluid in first and second directions, wherein the nozzle comprises:

a fixed central piece with one end in fluid communication with a fluid circulating device, and another end having first and second openings; and

first and second nozzles, each comprising:

a closed end and an open end, wherein the open end of the first and second nozzles is rotatably coupled to the first and second openings of the fixed central piece;

first and second surfaces extending between the open and closed ends of each of the first and second nozzles;

a plurality of holes formed along the first surfaces of the first and second nozzles, wherein the plurality of holes are in fluid communication with the fixed central piece through the respective open ends so as to allow washing fluid to be sprayed therethrough;

wherein the first and second nozzles are configured to rotate about a horizontal axis thereof while the fixed central piece remains fixed so as to adjust a position of the first surfaces of the first and second nozzles and the plurality of holes therein.

20. (New) The nozzle of claim 19, wherein a manual rotation of one of the first or second nozzle sections about the horizontal axis causes a corresponding rotation of the other of the first or second nozzle sections such that the plurality of holes formed in the first and second nozzle sections are configured to all spray washing fluid in the same direction based on a rotational position of the first and second nozzle sections relative to the fixed central piece.